TRAFFIC WARNING SYSTEM

ABSTRACT

The present invention is directed to a train detection system for detecting the velocity, presence, and direction of a railroad car which may be utilized in existing railroad crossing installations. The train detection system is suitable for self-testing of its components and if an anomaly has been detected, the train detection system is capable of placing the system in a fail-safe state. The train detection system of the present invention is also capable of constant communication between the sensor of said system and the implementing device of the train detection system via a wireless link.